**Author’s response to reviews**

**Title:** Respiratory mechanics in infants with severe bronchiolitis on controlled mechanical ventilation

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Here’s the response to queries by editors.

1. Please note that the Availability of data statement should detail the location of the raw data generated or analysed during this study. We note that only summarized data is presented in this manuscript, so we would like to ask that you amend this statement. If there are any ethics restrictions preventing the sharing of the raw data, please state this. If you do not wish to share the data, please include a reason why it will not be shared in this section.

R: We consulted our Bioethics committee and they said that raw data cannot be publicly shared. The main reason for this decision is that informed consent was waived because pulmonary mechanics is part of usual care in our unit.
2. We notice there is a description after References for both Table S1 and for Supplemental Digital Content – Table. If these are describing the same table, please only include one description (Supplemental Digital Content).

R: It was fixed

3. Please only submit one version of Figure 1, as currently there are two uploaded to the file inventory. Please note figures should be uploaded with the image graphic only.

R: It was fixed.

4. Please explain the "Protocol for respiratory mechanics measurement." provided under the first Figure 1. Is this meant to be a separate table?

R: We fixed this issue. It is supposed to be 2 parts of Figure 1. Figure 1A, the protocol itself, and Figure B, the graph showing the different parts of the curves recorded.

Thank you very much